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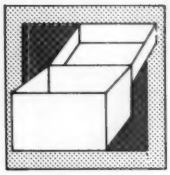
Authors Sought

The Editorial Panel of the *Arithmetic Teacher* is seeking prospective authors for the "IDEAS" department. Authors will be asked to submit three manuscripts for review by 1 August 1985. Three sets of authors will be selected, each providing three manuscripts, to complete the nine issues for the 1986–87 publication year.

The Editorial Panel is also seeking prospective authors or editors for "Computer Corner." Authors will be asked to submit three manuscripts for review by 1 October 1985.

For more detailed information, write to the managing editor, *Arithmetic Teacher*, 1906 Association Drive, Reston, VA 22091.



From the File

Geometry

REMOVE-A-PRETZEL

The following problems can be posed using toothpicks or short pretzel sticks on an overhead projector. Students copy the model and then solve the problem.

1. Start with
   (a) Remove two pretzels to get three triangles.
   (b) Remove two pretzels leaving two triangles.
   (c) Remove three pretzels leaving one triangle.
   (d) Remove three pretzels leaving two triangles.
   (e) Remove six pretzels leaving one triangle.

2. Start with
   (a) Remove two pretzels to leave three squares.
   (b) Remove two pretzels to leave two squares.
   (c) Remove one pretzel to leave three squares.
   (d) Remove four pretzels to leave one square.
   (e) Remove four pretzels to leave two squares.
   (f) Remove four pretzels to leave three squares.

Answers:
1(a) , **(b)** , **(c)** , **(d)** ,
(e) .
2(a) , **(b)** , **(c)** , **(d)** , **(e)** ,
(f) .

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—Readers are encouraged to send in two copies of their classroom-tested ideas for "From the File" to the *Arithmetic Teacher* for review.—